

Engineering Designee Seminar Program

Guidance and Training
For Today's Needs
and
Tomorrow's Requirements

Presented By: Kevin Kendall
AIR-140



Federal Aviation
Administration



Engineering Designee Seminar Program

- **Designee Training revised due to:**
 - *GAO Survey*
 - *Identified weakness, forced re-evaluation*
 - *AVS Delegation Order*
 - *Requires ongoing, standardized training*
 - *Budget issues*
 - *Administrator's Cost Recovery*
 - *Recurring budget issue*



Engineering Designee Seminar Program

- **Overview**

- *DER/AR Seminars Current Status*

- Standardization Seminars
 - Recurrent Seminars

- *DER/AR Seminars New Format*

- Standardization Seminars
 - Recurrent Seminars
 - On-line Registration
 - Program Implementation

DER/AR Seminars Current Status

- **Standardization (Initial) DER Seminar**
 - *Required attendance of a newly appointed DER within one year of initial appointment*
- **Recurrent (Refresher) DER Seminar**
 - *Recommended attendance of active DER every two years*
 - *Some Local offices require attendance*



Standardization (Initial) Seminar

Current Status

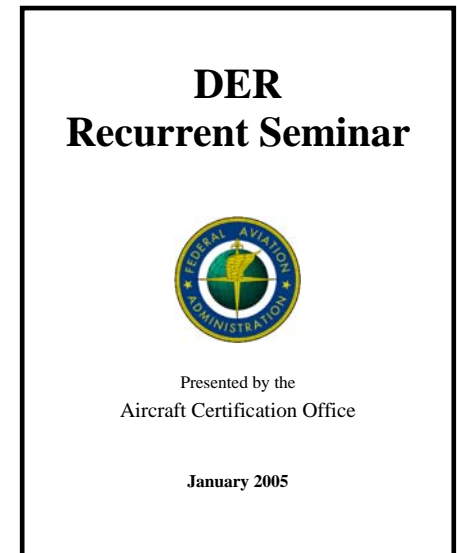
- Top-level view of regulations, requirements, and management of the FAA and DER in the certification of aircraft and aircraft products.
 - *Standardized material maintained by AIR-140 and co-presented with Local Aircraft/Engine Certification Offices*



Recurrent (Refresher) Seminar

Current Status

- **Topical material (technical, regulatory, etc.) determined by the local ACO/ECO to be presented to a general audience and/or to individual DER specialties**
 - *Each seminar and presentation material is unique to each location*
 - *Mostly local presenters used*



Standardization Seminar Changes

- **Structure/Content Management**
- **Attendance Requirement**
- **Fees**
- **Seminar Location**



Standardization Seminar Changes

- **Structure/Content Management**
 - *2 day Seminar 6 to 8 times per year*
 - FAA History; DER Roles and Responsibilities; Certification Processes of Products and Parts; Repairs and Alterations; Technical Standard Orders; International requirements; Parts Manufacturer and Production Approvals



Standardization Seminar Changes

- **Attendance Requirement**

- *DER/AR attendance is required within one year PRIOR to appointment*

- Limited Seating - No walk-in's
 - Seminar evaluation and learning assessment required of each attendee
 - Attendance certificate provided for each attendee



Standardization Seminar Changes

- **Fees**

- *Attendee will pay per seminar*



- **Seminar Location**

- *Mainly OKC / Other locations “as needed”*

- OKC – Jan, Feb, Mar, Oct, Nov, Dec
 - Other locations will be considered from ACO/DER(s) input

Recurrent Seminar Changes

- **Structure/Content Management**
- **Attendance Requirement**
- **Fees**
- **Seminar Location**



Recurrent Seminar Changes

- **Structure/Content Management**
 - *Standardized Format/Organization all locations*
 - General session (1 day / 8 presentation slots @ 45 min.),
 - 5 Breakouts presented two successive days (8 presentation slots @ 45 min.)
 - Airframe; Electrical Systems/Radio; Propulsion/Acoustic; Flight Test/Flight Analyst; Mechanical Systems

General
(day 1)

Break Out
initial
(day 2)

Break Out
repeated
(day 3)

Recurrent Seminar Changes

- **Structure/Content Management (continued)**
 - *Seminar topics and points of contact proposed through topic suggestion*
 - Policy, Guidance, Rulemaking, Advisory Circulars, Other useful information for DERs/FAA/ARs
 - Directorates, ACOs, Designees, Headquarters



Recurrent Seminar Changes

- **Topic Suggestions**

- *Suggested Topic*
- *Background/rationale for proposing the topic*
- *General Session*
- *Technical Breakout*
 - Airframe
 - Flight Test/Flight Analyst
 - Electrical Systems/Radio
 - Propulsion/Acoustic
 - Mechanical Systems

Recurrent Seminar Changes

- **Topic Suggestions**

- *What Aspects of the topic should this presentation cover?*
- *Who should present this topic?*
- *Submitter's Name/contact information*
- *FAA Office you work in or are managed by*

Recurrent Seminar Changes

**Federal Aviation
Administration**

FAA HomeAbout FAAJobsNewsLibrary

PilotsPassengersMechanicsMore

AircraftAirports & Air TrafficData & StatisticsEducation & ResearchLicenses & CertificatesRegulations & PoliciesSafety

SearchGoPowered by GoogleQuick Find:Go

DER Recurrent Seminar Topic Suggestion

Designated Engineering Representatives (DERs) and engineering Authorized Representatives of delegated organizations may suggest topics for inclusion in the FAA engineering designee recurrent seminar. The FAA Delegation and Airworthiness Programs Branch will consolidate, prioritize, and coordinate suggested topics with appropriate FAA offices in order to develop the most beneficial seminar content.

* Indicates required field

* **Suggested Topic:**
Briefly describe the topic

Print this pageEmail this page

Recurrent Seminar Changes

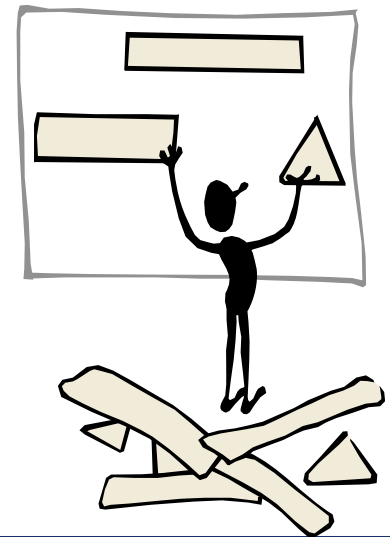
- **Structure/Content Management (continued)**

- *Seminar team established to review suggestions and set seminar content*

- AIR-140, ACOLT representatives, Standards Staff

- *Seminar team monitor and revise seminar agenda and content as appropriate*

- Seminar Team meets annually to review feedback and update of presentations as required
 - AIR-140 Update presentations throughout year with information as identified and provided



Recurrent Seminar Changes

- **Attendance Requirement**

- *DER/AR attendance is REQUIRED every 2 years*

- Limited Seating - No walk-in's
 - General + Technical session for each discipline
 - Seminar evaluation and learning assessment required of each attendee
 - Attendance certificate provided for each attendee
 - Part 21 Seminar acceptable one-time substitute

- **Fees**

- *Attendee will pay per day attended*



Recurrent Seminar Changes

- **Seminar Location**

- *Present 8/9 seminars per year at ACO*

- Wichita (*March*)
 - Seattle (*April*)
 - Long Beach (*May*)
 - Atlanta (*June*)
 - Boston or New York (*July*)
 - Chicago or Denver (*August*)
 - Seattle or LA (*September*)
 - Ft Worth (*October*)
 - Anchorage (*November once every 2 years*)



On-Line Registration

- **Electronic enrollment for seminars**
 - *No mail out invitations from AIR-140*
- **Fee for attendance**
 - *Standardization – per seminar*
 - *Recurrent – per day attended*
 - *Amount not finalized*

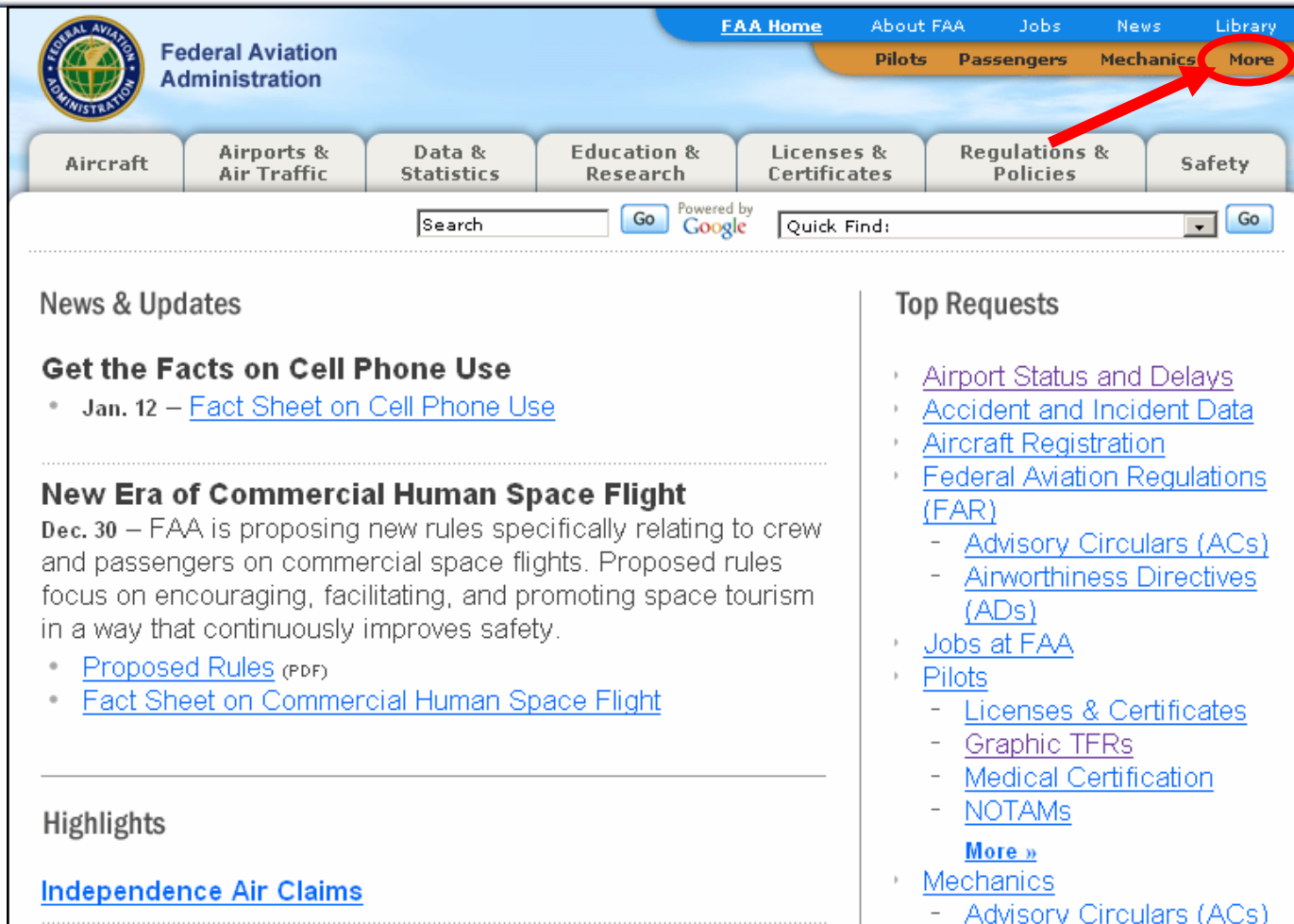


On-Line Registration

- **Existing designee on-line registration and fee for attendance system**
 - DMIR, DAR ODAR, DME, DPE, and Light Sport designees



On-Line Registration



The screenshot shows the FAA website's header and main content area. The top navigation bar includes links for [FAA Home](#), [About FAA](#), [Jobs](#), [News](#), and [Library](#). Below this, a secondary bar contains [Pilots](#), [Passengers](#), [Mechanics](#), and [More](#). The [More](#) link is circled in red, with a red arrow pointing to it from the 'Regulations & Policies' category below. The main navigation bar includes categories like [Aircraft](#), [Airports & Air Traffic](#), [Data & Statistics](#), [Education & Research](#), [Licenses & Certificates](#), [Regulations & Policies](#), and [Safety](#). A search bar with a 'Go' button and a 'Quick Find' dropdown are also present. The main content area is divided into two columns. The left column features 'News & Updates' with a section titled 'Get the Facts on Cell Phone Use' dated Jan. 12, linking to a 'Fact Sheet on Cell Phone Use'. Below this is a section titled 'New Era of Commercial Human Space Flight' dated Dec. 30, discussing proposed rules for crew and passengers on commercial space flights, with links to 'Proposed Rules (PDF)' and a 'Fact Sheet on Commercial Human Space Flight'. The right column features 'Top Requests' with a list of links: [Airport Status and Delays](#), [Accident and Incident Data](#), [Aircraft Registration](#), [Federal Aviation Regulations \(FAR\)](#) (with sub-links for [Advisory Circulars \(ACs\)](#) and [Airworthiness Directives \(ADs\)](#)), [Jobs at FAA](#), [Pilots](#) (with sub-links for [Licenses & Certificates](#), [Graphic TFRs](#), [Medical Certification](#), and [NOTAMs](#)), and [Mechanics](#) (with a sub-link for [Advisory Circulars \(ACs\)](#)). A 'More »' link is also present.

News & Updates

Get the Facts on Cell Phone Use

- Jan. 12 – [Fact Sheet on Cell Phone Use](#)

New Era of Commercial Human Space Flight

Dec. 30 – FAA is proposing new rules specifically relating to crew and passengers on commercial space flights. Proposed rules focus on encouraging, facilitating, and promoting space tourism in a way that continuously improves safety.

- [Proposed Rules](#) (PDF)
- [Fact Sheet on Commercial Human Space Flight](#)

Highlights

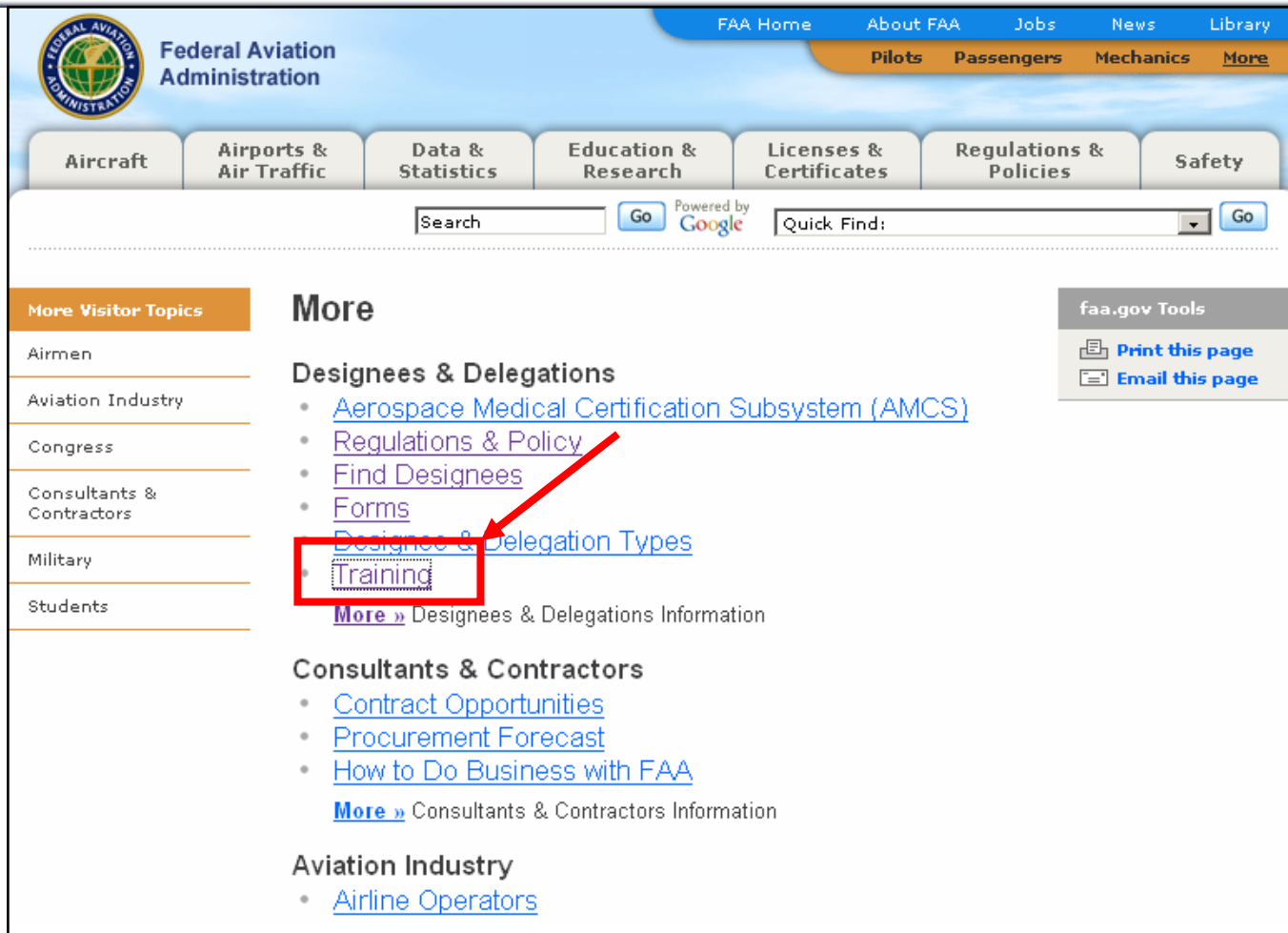
[Independence Air Claims](#)

Top Requests

- [Airport Status and Delays](#)
- [Accident and Incident Data](#)
- [Aircraft Registration](#)
- [Federal Aviation Regulations \(FAR\)](#)
 - [Advisory Circulars \(ACs\)](#)
 - [Airworthiness Directives \(ADs\)](#)
- [Jobs at FAA](#)
- [Pilots](#)
 - [Licenses & Certificates](#)
 - [Graphic TFRs](#)
 - [Medical Certification](#)
 - [NOTAMs](#)
- [More »](#)
- [Mechanics](#)
 - [Advisory Circulars \(ACs\)](#)



On-Line Registration



The screenshot shows the FAA website's main navigation and content area. The top navigation bar includes links for FAA Home, About FAA, Jobs, News, and Library. Below this is a secondary bar with Pilots, Passengers, Mechanics, and More. The main content area features a search bar and a 'Quick Find' dropdown. On the left, a 'More Visitor Topics' sidebar lists various categories. The main content area is divided into sections: 'More', 'Designees & Delegations', 'Consultants & Contractors', and 'Aviation Industry'. The 'Designees & Delegations' section contains a list of links, with 'Training' highlighted by a red box and a red arrow pointing to it from the 'Designees & Delegation Types' link.

Federal Aviation Administration

FAA Home About FAA Jobs News Library

Pilots Passengers Mechanics More

Aircraft Airports & Air Traffic Data & Statistics Education & Research Licenses & Certificates Regulations & Policies Safety

Search Go Powered by Google Quick Find: Go

More Visitor Topics

- Airmen
- Aviation Industry
- Congress
- Consultants & Contractors
- Military
- Students

More

Designees & Delegations

- [Aerospace Medical Certification Subsystem \(AMCS\)](#)
- [Regulations & Policy](#)
- [Find Designees](#)
- [Forms](#)
- [Designees & Delegation Types](#)
- [Training](#)

[More »](#) Designees & Delegations Information

Consultants & Contractors

- [Contract Opportunities](#)
- [Procurement Forecast](#)
- [How to Do Business with FAA](#)

[More »](#) Consultants & Contractors Information

Aviation Industry

- [Airline Operators](#)

faa.gov Tools

- [Print this page](#)
- [Email this page](#)



On-Line Registration

The screenshot shows the Federal Aviation Administration (FAA) website. The header includes the FAA logo and navigation links: FAA Home, About FAA, Jobs, News, Library, Pilots, Passengers, Mechanics, and More. Below the header is a secondary navigation bar with links: Aircraft, Airports & Air Traffic, Data & Statistics, Education & Research, Licenses & Certificates, Regulations & Policies, and Safety. A search bar is located below the navigation bar, with a 'Go' button and a 'Powered by Google' logo. To the right of the search bar is a 'Quick Find' dropdown menu with a 'Go' button.

The main content area is titled 'Designee Training & Seminars'. It is divided into two sections: 'Training' and 'Seminars'. The 'Training' section lists two links: [Aircraft Certification Service \(AIR\) and Flight Standards Service \(AFS\)](#) and [Aviation Medical Examiner \(AME\) Training](#). The 'Seminars' section lists four links: [AME Seminar Schedule](#), [AFS and AIR Designee Seminar Schedules and Student Registration \(except DER\)](#), [DER Seminar Schedule for 2005/2006](#) (highlighted with a red box and a red arrow), and [DER Recurrent Seminar Topic Suggestion](#). Below these links is a link for [Designee Notification System – OnLine Seminars \(Maintenance, Manufacturing, and Pilot designees\)](#).

On the left side of the page, there is a sidebar titled 'Other Visitors Topics'. It includes a link for 'Airmen' and a section for 'Aviation Industry' with sub-links: [Airline Operators](#), [Airport Operators](#), [Designees & Delegations](#), [International Aviation](#), and [Manufacturers](#). Below this are links for 'Congress', 'Consultants & Contractors', 'Military', and 'Students'.

On the right side of the page, there is a section titled 'faa.gov Tools' with two links: [Print this page](#) and [Email this page](#).

On-Line Registration

Federal Aviation Administration

FAA Home About FAA Jobs News Library

Pilots Passengers Mechanics More

Aircraft Airports & Air Traffic Data & Statistics Education & Research Licenses & Certificates Regulations & Policies Safety

Search Go Powered by Google Quick Find: Go

Designee Training & Seminars
Designated Engineering Representatives (DER) Seminar Schedule for 2005/2006

February 28-March 1, 2006 Standardization Fort Worth, TX [Hilton Arlington](#)
2401 East Lamar Boulevard
Arlington, TX 817-640-3322, ext. 6606
[Invitation/Registration](#)
(MS Word)

March 7-8, 2006 Standardization Burlington, MA ****New England Engine Certification**
[Invitation/Registration](#)
(MS Word)

Other Visitors Topics

Airmen

Aviation Industry

- Airline Operators
- Airport Operators
- Designees & Delegations**
- International Aviation
- Manufacturers

Congress

Consultants & Contractors

Military

Students

faa.gov Tools

- [Print this page](#)
- [Email this page](#)

DER current

Enrollment via phone, fax, mail, or e-mail



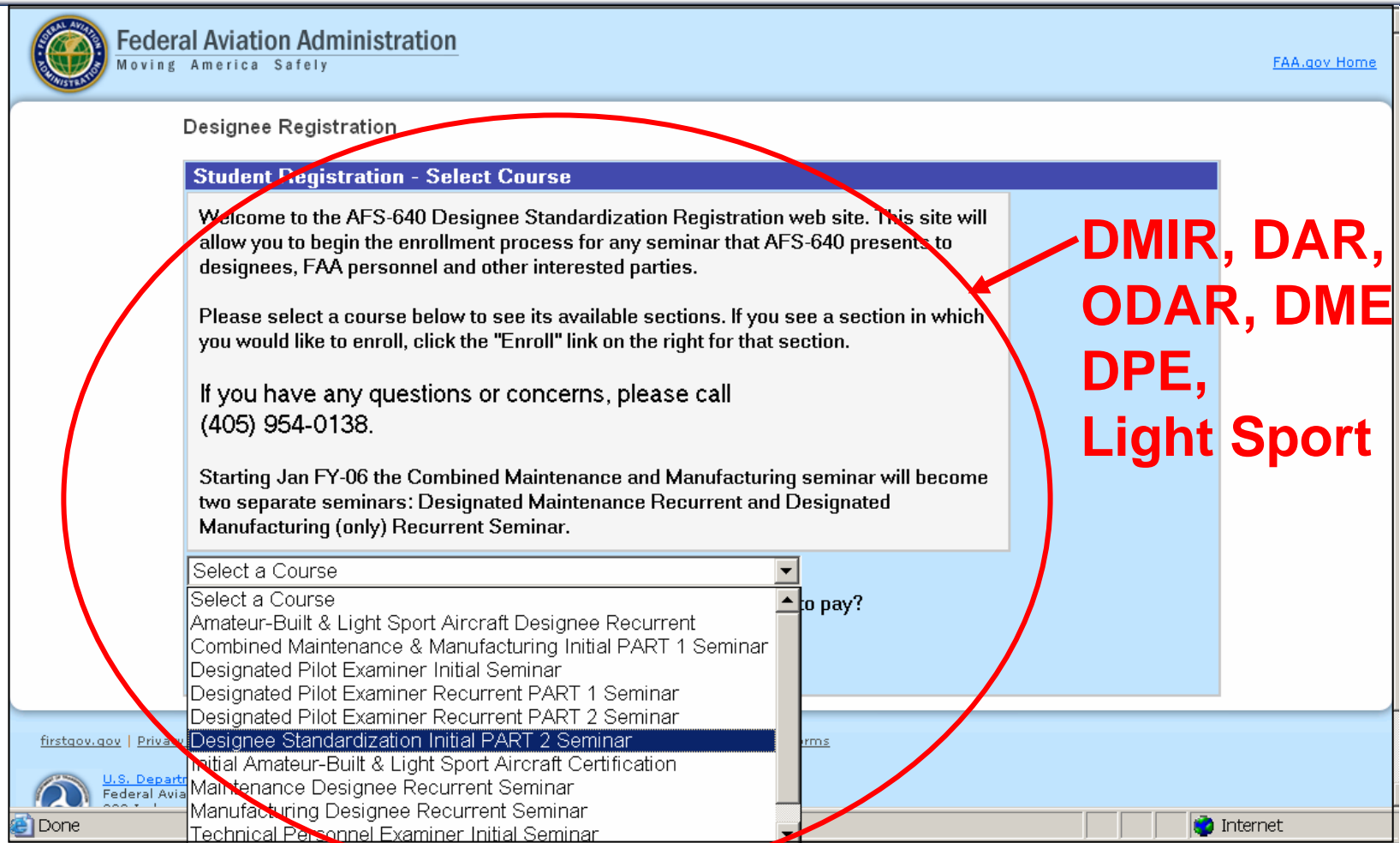
On-Line Registration



The screenshot shows the FAA website's 'Designee Training & Seminars' page. The left sidebar lists 'Other Visitors Topics' including Airmen, Aviation Industry (with sub-links for Airline Operators, Airport Operators, Designees & Delegations, International Aviation, and Manufacturers), Congress, Consultants & Contractors, Military, and Students. The main content area is divided into 'Training' and 'Seminars'. The 'Seminars' section lists several links, with 'AFS and AIR Designee Seminar Schedules and Student Registration (except DER)' circled in red. A red arrow points from the text 'DMIR, DAR, ODAR, DME, DPE, Light Sport' below to this link. The 'faa.gov Tools' section on the right includes links to 'Print this page' and 'Email this page'.

DMIR, DAR, ODAR, DME, DPE, Light Sport

On-Line Registration



Federal Aviation Administration
Moving America Safely

[FAA.gov Home](#)

Designee Registration

Student Registration - Select Course

Welcome to the AFS-640 Designee Standardization Registration web site. This site will allow you to begin the enrollment process for any seminar that AFS-640 presents to designees, FAA personnel and other interested parties.

Please select a course below to see its available sections. If you see a section in which you would like to enroll, click the "Enroll" link on the right for that section.

If you have any questions or concerns, please call (405) 954-0138.

Starting Jan FY-06 the Combined Maintenance and Manufacturing seminar will become two separate seminars: Designated Maintenance Recurrent and Designated Manufacturing (only) Recurrent Seminar.

Select a Course

- Select a Course
- Amateur-Built & Light Sport Aircraft Designee Recurrent
- Combined Maintenance & Manufacturing Initial PART 1 Seminar
- Designated Pilot Examiner Initial Seminar
- Designated Pilot Examiner Recurrent PART 1 Seminar
- Designated Pilot Examiner Recurrent PART 2 Seminar
- Designee Standardization Initial PART 2 Seminar**
- Initial Amateur-Built & Light Sport Aircraft Certification
- Maintenance Designee Recurrent Seminar
- Manufacturing Designee Recurrent Seminar
- Technical Personnel Examiner Initial Seminar

DMIR, DAR, ODAR, DME, DPE, Light Sport

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U.S. Department of Transportation
Federal Aviation Administration

Done

Internet



On-Line Registration

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Maintenance Designee Recurrent Seminar ▼

Already registered and need to pay?

 Pay Now

Title	Dates	City	State	Details	Status	Cost	Enroll
Maintenance Designee Recurrent Seminar	02/07-08/2006	San Diego	CA	Details	Open: 51 of 60 enrolled	\$150.00	Enroll
Maintenance Designee Recurrent Seminar	03/14-15/2006	Dallas	TX	Details	FULL: 55 of 50 enrolled	\$150.00	

Enrollment
and
Payment
On-Line



Engineering Designee Seminar Change Implementation

- **No more mail outs for seminars from AIR-140**
 - *Designee training web site*
 - *Communicate with your Advisor*
- **Online registration begins October 2006**
 - *Standardization fee - per seminar*
 - *Recurrent fee - per day*

